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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/683,605	01/24/2002	Steven Yellin Schondorf	201-0378 FAM	9340

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EXAMINER

HERNANDEZ, OLGA

ART UNIT	PAPER NUMBER
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2144

DATE MAILED: 06/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

8

Office Action Summary

Application No.

09/683,605

Applicant(s)

SCHONDORF ET AL.

Examiner

Olga Hernandez

Art Unit

2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 April 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 4,6-9,12-15 and 22-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 4,6,9,12-15,22,24 and 27 is/are allowed.
- 6) ☒ Claim(s) 7,8,23,25 and 26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

Allowable Subject Matter

Claims 4, 6, 9, 12-15, 22, 24, 27 are allowed.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 25 is rejected under 35 U.S.C. 102(b) as being anticipated by Byon (5,847,472).

Byon discloses a memory device for storing a deployment time of a deployment event a controller electrically coupled to the memory device and determining when to deploy a restraint and storing the deployment time in the memory device, the controller storing operating time of the restraints control module in the memory device (columns 6 and 7, figures 1 and 3).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 7 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Byon (5,847,472) in view of Robbins (3,921,463)

Byon teaches a memory device for storing a deployment time of a deployment event (column 7, lines 1-2) and a controller electrically coupled to the memory device (figure 1) the controller determining when to deploy a restraint and storing the deployment time (column 6, lines 64-67). Byon does not teach an indicator electrically coupled to the controller, the indicator continuously indicating that the RCM has been on a vehicle that has involved in a collision. However, Robbins teaches an indicator electrically coupled to the controller, the indicator continuously indicating that the RCM has been on a vehicle that has involved in a collision (column 3, lines 3-6). Thus, it would have been obvious to one skilled in the art to combine Byon's deployment time storage with Robbins' continuously indication in order to record the direction and magnitude of the vehicle impact and the time relationship between onset of the impact and deployment of the restraint.

Claims 23 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Byon (5,847,472) in view of Ando (6,198,999).

Byon teaches sensing a collision (column 6, line 42); generating a collision signal in response to the collision (column 6); deploying a restraint response to the

Art Unit: 2144

collision(column 7); storing the deployment time (column 6, lines 64-67). Byon does not teach continuously indicating a fault in response to the deployment event utilizing information from an unreadable, unresettable and unoverwritable memory. However, Ando teaches continuously indicating a fault in response to the deployment event utilizing information from an unreadable, unresettable and unoverwritable memory (column 7, lines 41-47). Thus, it would have been obvious to one skilled in the art to combine Byon's deployment time storage with Ando's continuously indication in order to enable a more accurate deployment port for use in selecting an appropriate airbag deployment mode.

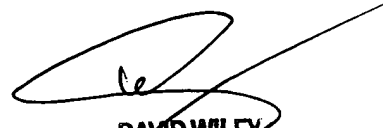
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olga Hernandez whose telephone number is 571-272-7144. The examiner can normally be reached on Mon-Thu 8:30am-7:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Olga Hernandez
Examiner
Art Unit 2144



DAVID WILEY
SUPERVISORY PATENT EXAMINER
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